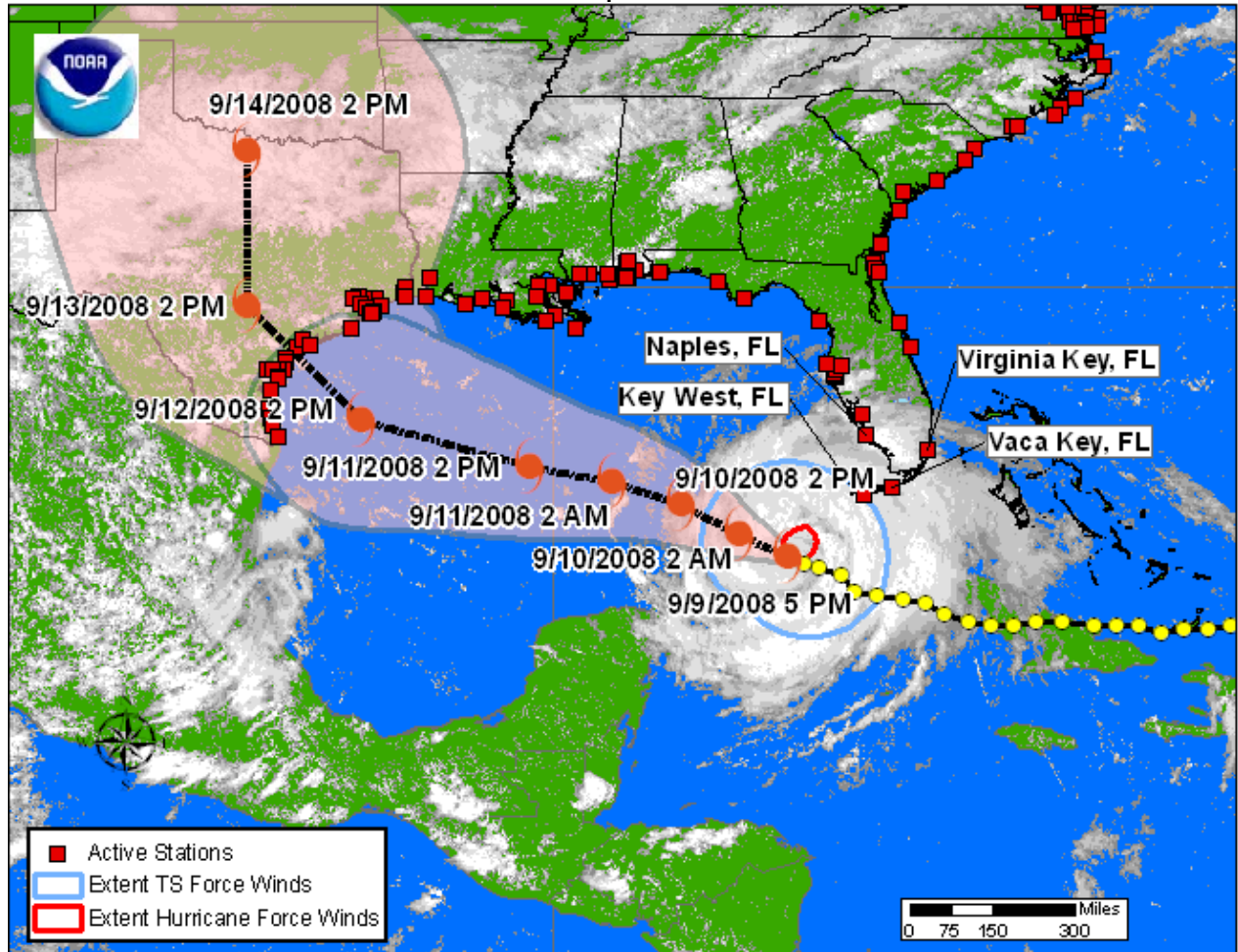




Hurricane IKE QuickLook
Posted: 18:00 EDT 09/09/2008

NOAA and NOAA Partnership Stations Relative to the Storm



Storm Analysis

As of 09/09/2008 18:00 EDT, water levels are increasing across southern Florida and the Florida Keys and are in a range 0.3-1.3 feet above predicted values. Currently at Key West, FL water levels are 1.3 feet above predicted. Winds are increased across the region with gusts up to 29 knots at Vaca Key, FL. Barometric pressure is falling.

Water Level and Meteorological plots available below are updated automatically. Water level predictions relative to Mean Lower Low Water are:

Virginia Key, FL: Next predicted high tide is 2.86 ft (0.64 m) at 09/10/2008 05:36 EDT.

Vaca Key, FL: Next predicted high tide is 1.00 ft (0.30 m) at 09/10/2008 08:19 EDT.

Key West, FL: Next predicted high tide is 1.16 ft (0.35 m) at 09/09/2008 20:00 EDT.

Naples, FL: Next predicted high tide is 2.30 ft (0.70 m) at 09/09/2008 23:36 EDT.

For additional data, please see the [Center for Operational Oceanographic Products & Services](#) website. For more information or archived products and reports, please see the [Storm QuickLook](#) Homepage.

Analyst: KG

SELECT NATIONAL HURRICANE CENTER ADVISORY INFORMATION:

**HURRICANE IKE ADVISORY NUMBER 35
500 PM EDT TUE SEP 09 2008**

IKE EMERGES INTO THE SOUTHEASTERN GULF OF MEXICO

A HURRICANE WARNING REMAINS IN EFFECT FOR THE CUBAN PROVINCES OF MATANZAS LA HABANA CIUDAD DE HABANA PINAR DEL RIO AND THE ISLE OF YOUTH.

A TROPICAL STORM WARNING IS IN EFFECT FOR THE FLORIDA KEYS FROM OCEAN REEF SOUTHWARD TO THE DRY TORTUGAS INCLUDING FLORIDA BAY.

AT 500 PM EDT THE CENTER OF HURRICANE IKE WAS LOCATED JUST OFF THE NORTHERN COAST OF WESTERN CUBA ABOUT 90 MILES WEST-SOUTHWEST OF HAVANA CUBA.

IKE IS MOVING TOWARD THE WEST-NORTHWEST NEAR 10 MPH AND THIS GENERAL MOTION IS EXPECTED TO CONTINUE FOR THE NEXT DAY OR TWO.

MAXIMUM SUSTAINED WINDS ARE NEAR 75 MPH WITH HIGHER GUSTS. IKE IS A CATEGORY ONE HURRICANE ON THE SAFFIR-SIMPSON SCALE. NOW THAT IKE HAS EMERGED INTO THE GULF OF MEXICO STRENGTHENING IS EXPECTED AND IKE COULD BECOME A MAJOR HURRICANE IN THE CENTRAL GULF OF MEXICO.

HURRICANE FORCE WINDS EXTEND OUTWARD UP TO 70 MILES FROM THE CENTER AND TROPICAL STORM FORCE WINDS EXTEND OUTWARD UP TO 175 MILES.

THE MOST RECENT MINIMUM CENTRAL PRESSURE MEASURED BY AN AIR FORCE RESERVE UNIT RECONNAISSANCE AIRCRAFT WAS 968 MB.

COASTAL STORM SURGE FLOODING OF 3 TO 5 FEET ABOVE NORMAL TIDE LEVELS ALONG WITH LARGE AND DANGEROUS BATTERING WAVES CAN BE EXPECTED IN AREAS OF ONSHORE WINDS ALONG THE NORTHERN AND SOUTHERN COASTS OF CUBA. STORM SURGE FLOODING OF 1 TO 3 FEET ALONG WITH LARGE AND DANGEROUS WAVES ARE POSSIBLE IN THE FLORIDA KEYS.

LARGE SWELLS GENERATED BY IKE WILL CONTINUE TO AFFECT THE EAST COAST

OF FLORIDA FOR THE NEXT DAY OR SO. THESE SWELLS COULD GENERATE DANGEROUS AND LIFE-THREATENING RIP CURRENTS.

IKE IS EXPECTED TO PRODUCE RAINFALL ACCUMULATIONS OF 6 TO 12 INCHES OVER WESTERN AND CENTRAL CUBA WITH ISOLATED MAXIMUM AMOUNTS OF UP TO 20 INCHES POSSIBLE. THESE RAINS ARE LIKELY TO CAUSE LIFE-THREATENING FLASH FLOODS AND MUD SLIDES OVER MOUNTAINOUS TERRAIN. RAINFALL ACCUMULATIONS OF 1 TO 3 INCHES ARE POSSIBLE OVER THE FLORIDA KEYS.

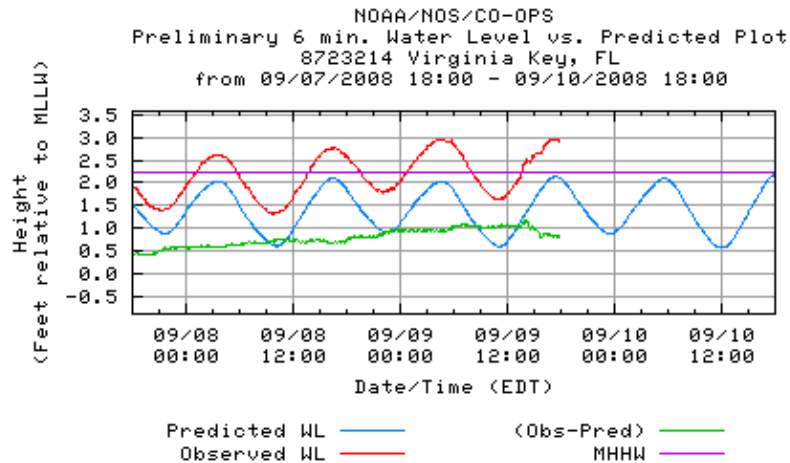
ISOLATED TORNADOES AND WATERSPOUTS ARE POSSIBLE OVER THE FLORIDA KEYS AND EXTREME SOUTH FLORIDA THROUGH TONIGHT.

FORECASTER FRANKLIN

For the purpose of timely release, data contained within this QuickLook have undergone a "limited" NOS Quality Assurance/Control; however, the data have not yet undergone final verification. All data subject to NOS verification.

Jump to: [Virginia Key - Water Level](#), [Vaca Key - Winds](#), [Vaca Key - Water Level](#), [Vaca Key - Barometric](#), [Key West - Water Level](#), [Key West - Winds](#), [Key West - Barometric](#), [Key West - Air/Water Temp](#), [Naples - Water Level](#), [Naples - Winds](#), [Naples - Barometric](#), [Naples - Air/Water Temp](#),

Virginia Key, FL - Station Map [Return to List](#)

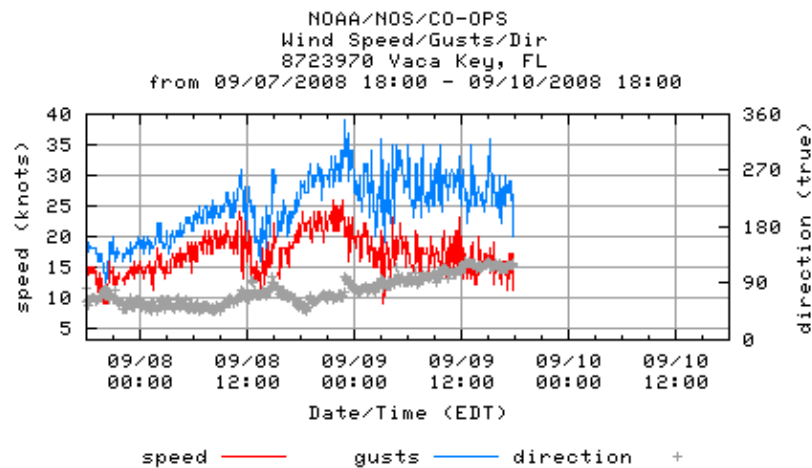


Last Observed Sample: 09/09/2008 17:48 (EDT)

Relative to **MLLW**: **Observed: 2.92 ft. Predicted: 2.11 ft. Residual: 0.81 ft.**

Historical Maximum Water Level: 11/15/1994, 1.9 ft. above **MHHW**

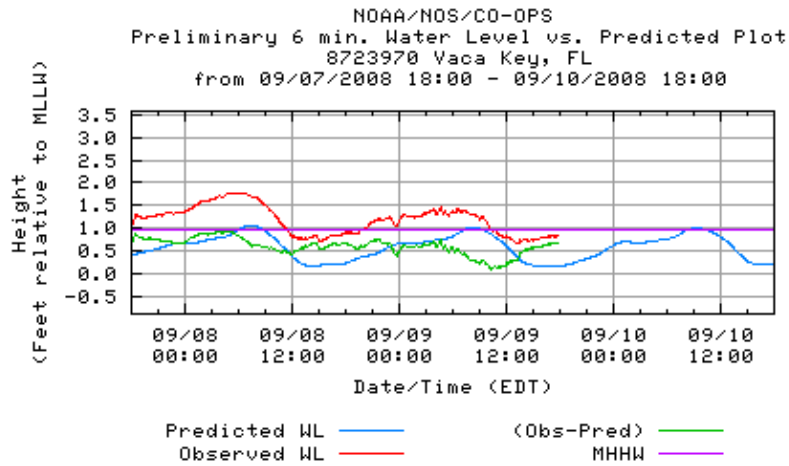
Vaca Key, FL - Station Map [Return to List](#)



Last Observed Sample: 09/09/2008 17:48 (EDT)

Wind Speed: 11 knots Gusts: 20 knots Direction: 119° T

Vaca Key, FL - Station Map [Return to List](#)

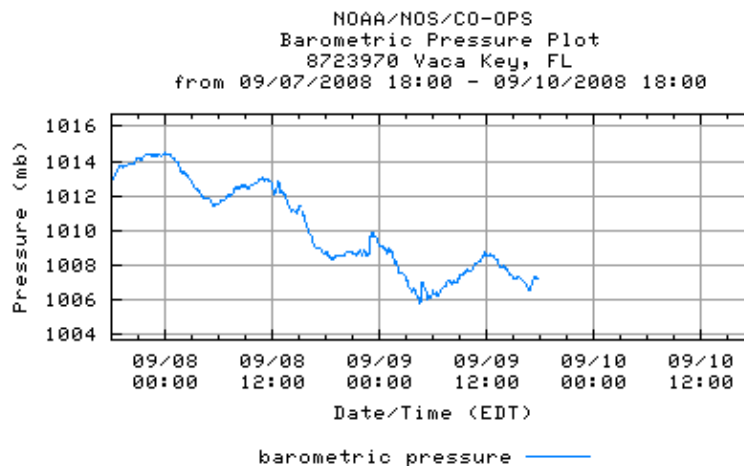


Last Observed Sample: 09/09/2008 17:48 (EDT)

Relative to **MLLW**: **Observed: 0.82 ft. Predicted: 0.16 ft. Residual: 0.66 ft.**

Historical Maximum Water Level: 10/07/1974, 1.42 ft. above **MHHW**

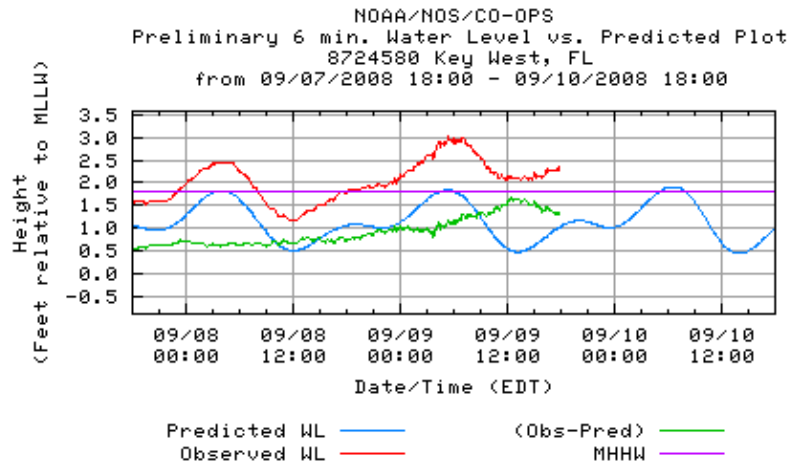
Vaca Key, FL - Station Map [Return to List](#)



Last Observed Sample: 09/09/2008 17:48 (EDT)

Barometric Pressure: 1007.2 mb

Key West, FL - Station Map [Return to List](#)

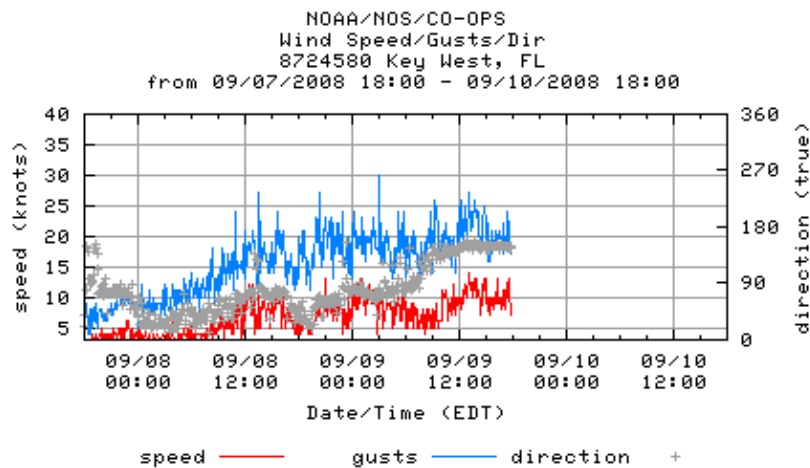


Last Observed Sample: 09/09/2008 17:48 (EDT)

Relative to **MLLW**: **Observed: 2.34 ft. Predicted: 1.01 ft. Residual: 1.33 ft.**

Historical Maximum Water Level: 09/08/1965, 1.93 ft. above **MHHW**

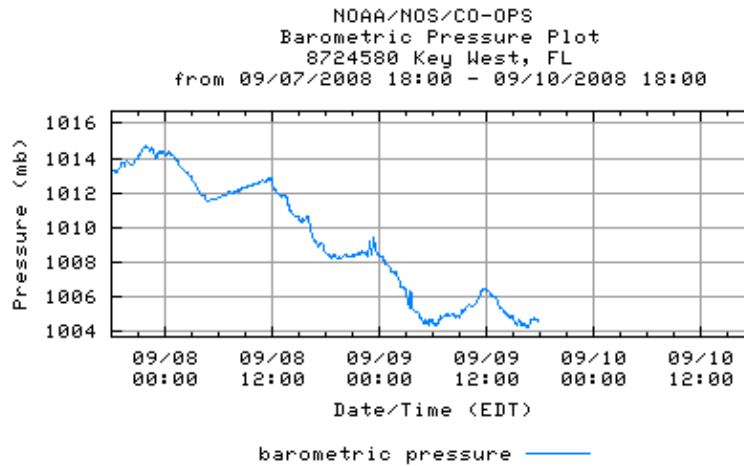
Key West, FL - Station Map [Return to List](#)



Last Observed Sample: 09/09/2008 17:48 (EDT)

Wind Speed: 7 knots Gusts: 19 knots Direction: 146° T

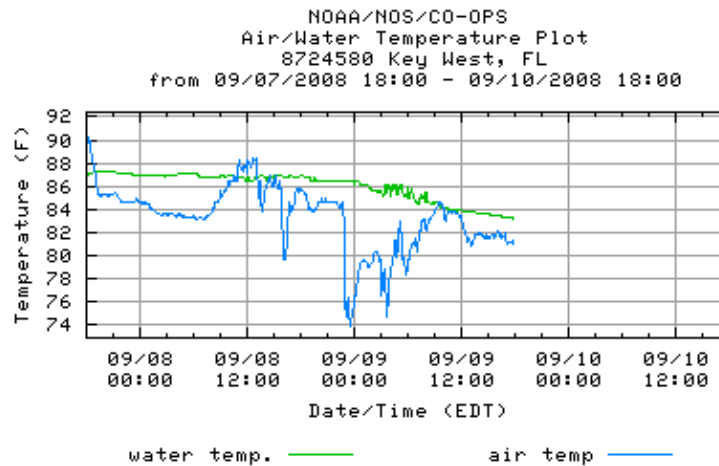
Key West, FL - Station Map [Return to List](#)



Last Observed Sample: 09/09/2008 17:48 (EDT)

Barometric Pressure: 1004.6 mb

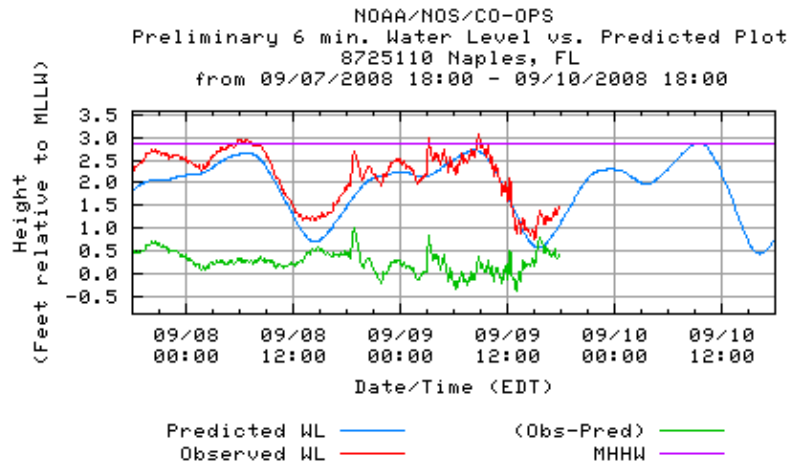
Key West, FL - Station Map [Return to List](#)



Last Observed Sample: 09/09/2008 17:48 (EDT)

Water Temperature: 83.1° F Air Temperature: 81.3° F

Naples, FL - Station Map [Return to List](#)

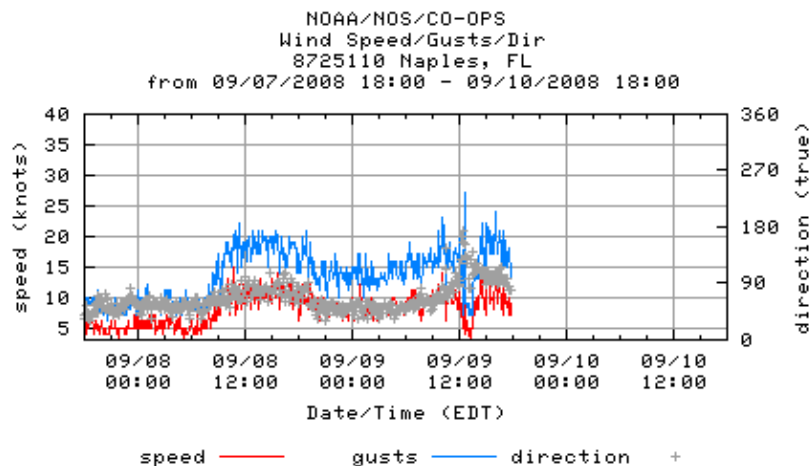


Last Observed Sample: 09/09/2008 17:48 (EDT)

Relative to **MLLW**: **Observed: 1.44 ft. Predicted: 1.06 ft. Residual: 0.38 ft.**

Historical Maximum Water Level: 12/21/1972, 3.11 ft. above **MHHW**

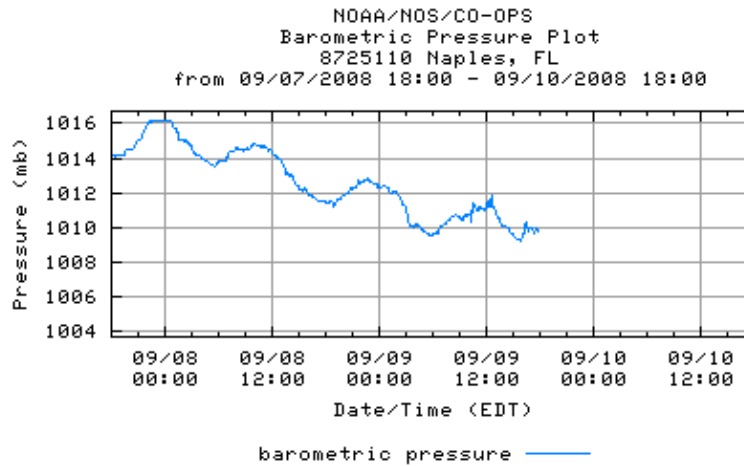
Naples, FL - Station Map [Return to List](#)



Last Observed Sample: 09/09/2008 17:48 (EDT)

Wind Speed: 7 knots Gusts: 13 knots Direction: 079° T

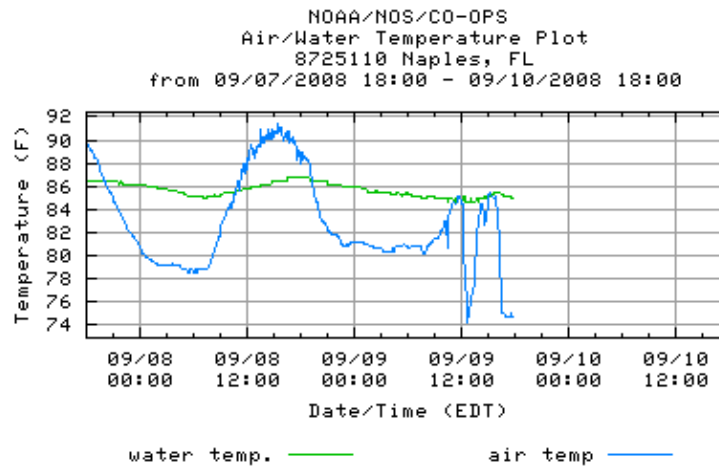
Naples, FL - Station Map [Return to List](#)



Last Observed Sample: 09/09/2008 17:48 (EDT)

Barometric Pressure: 1009.8 mb

Naples, FL - Station Map [Return to List](#)



Last Observed Sample: 09/09/2008 17:48 (EDT)

Water Temperature: 84.9° F Air Temperature: 74.8° F

Hurricane IKE QuickLook, POSTED 18:00 EDT 09/09/2008

Center for Operational Oceanographic Products & Services (CO-OPS) | National Ocean Service (NOS)
National Oceanic and Atmospheric Administration | U.S. Department of Commerce